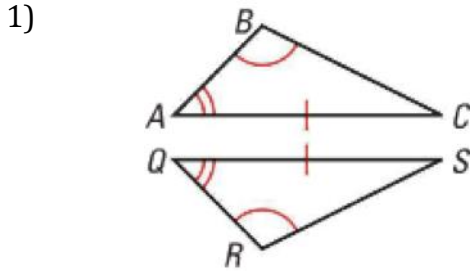
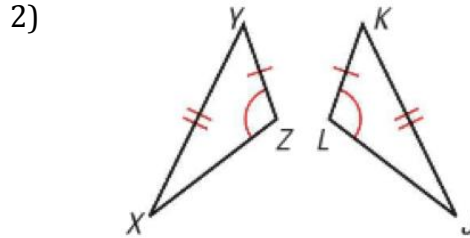


LEVEL: EMERGING

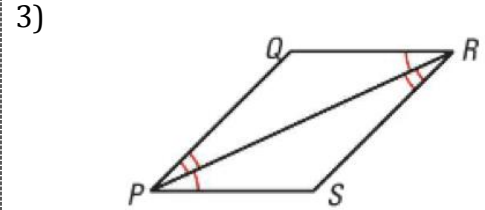
Directions: Determine if it is possible to prove that the triangles are congruent. If so, state what theorem you would use.



Congruent: YES or NO
 If so, theorem used: _____



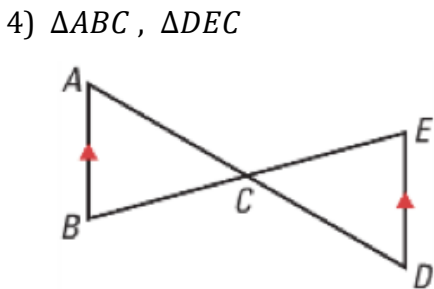
Congruent: YES or NO
 If so, theorem used: _____



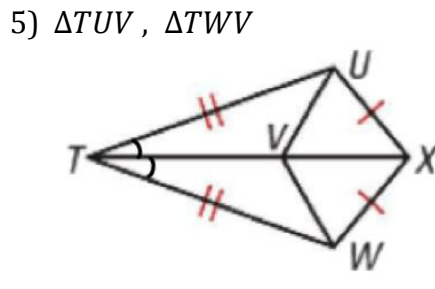
Congruent: YES or NO
 If so, theorem used: _____

LEVEL: PROFICIENT

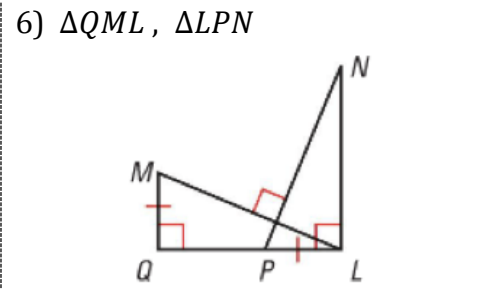
Directions: Determine if it is possible to prove that the triangles are congruent. If so, state what theorem you would use. If not, then state the additional piece of information needed to prove congruence.



Congruent: YES or NO
 If so, theorem used: _____
 If not, extra info: _____



Congruent: YES or NO
 If so, theorem used: _____
 If not, extra info: _____



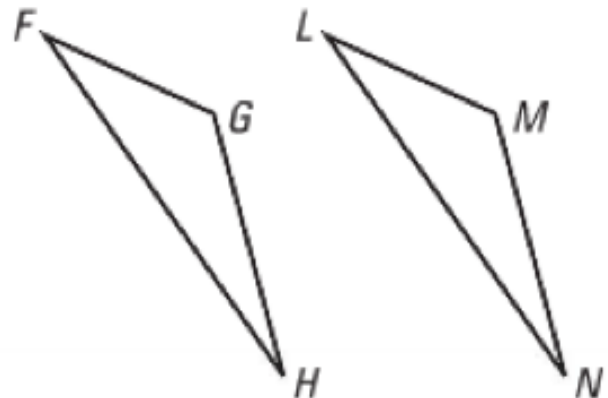
Congruent: YES or NO
 If so, theorem used: _____
 If not, extra info: _____

Directions: State the third congruence that is needed to prove that $\triangle FGH \cong \triangle LMN$ using the given postulate or theorem.

7) Given: $\overline{GH} \cong \overline{MN}, \angle G \cong \angle M$
 Use the AAS Congruence Theorem
 Answer: _____ \cong _____

8) Given: $\overline{FG} \cong \overline{LM}, \angle G \cong \angle M$
 Use the ASA Congruence Theorem
 Answer: _____ \cong _____

9) Given: $\overline{FH} \cong \overline{LN}, \angle H \cong \angle N$
 Use the SAS Congruence Theorem
 Answer: _____ \cong _____



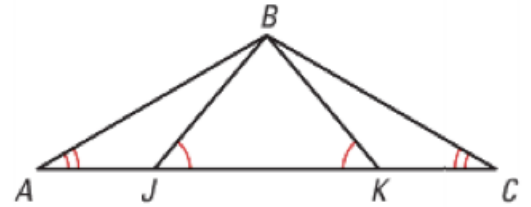
LEVEL: MASTERY

Directions: Write a two-column proof

10) Given: $\overline{AK} \cong \overline{CJ}$, $\angle BJK \cong \angle BKJ$, $\angle A \cong \angle C$

Prove: $\triangle ABK \cong \triangle CBJ$

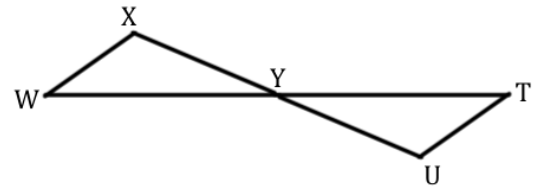
Statement	Reason



11) Given: \overline{XU} and \overline{WT} bisect each other

Prove: $\overline{WX} \cong \overline{TU}$

Statement	Reason



12) Given: $\angle TSU \cong \angle STR$, $\overline{RS} \parallel \overline{TU}$

Prove: $\triangle TSU \cong \triangle STR$

Statement	Reason

